

## DECLARATION FOR PATENT APPLICATION

As a below named inventors, we hereby declare that:

Our residences, post office addresses and citizenships are as stated below next to our names.

We believe we are the original, first and joint inventors of the subject matter which is claimed and for which a patent is sought on the invention entitled

**USE OF NUCLEIC ACIDS CONTAINING UNMETHYLATED CPG  
DINUCLEOTIDE AS AN ADJUVANT**

the specification of which was filed on June 3, 1999, as United States Application No. 09/325,193.

We hereby state that we have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

We acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56.

We hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) or §365(b) of any foreign application(s) for patent or inventor's certificate, or section 365(a) of any PCT International application designating at least one country other than the United States listed below and have also identified below any foreign application for patent or inventor's certificate or PCT International application having a filing date before that of the application on which priority is claimed:

Prior Foreign PCT International Application(s) and any priority claims under 35 U.S.C. §§119 and 365(a), (b):

(Number)	(Country-if PCT, so indicate)	(DD/MM/YY Filed)	Priority Claimed	
			[ ]	[ ]
(Number)	(Country)	(DD/MM/YY Filed)	YES	NO
			[ ]	[ ]
(Number)	(Country)	(DD/MM/YY Filed)	YES	NO

We hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below:

60/040,375	3/10/97
(Application Number)	(filing date)

(Application Number)	(filing date)
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We hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s), or §365(c) of any PCT International application(s) designating the United States of America listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application:

(Application No.)	(filing date)	(status-patented, pending, abandoned)
(Application No.)	(filing date)	(status-patented, pending, abandoned)

**BEST AVAILABLE COPY**

## PCT International Applications designating the United States:

PCT/US98/04703 09/154,614 03/10/98 Pending  
(PCT Appl. No.) (U.S. Ser. No.) (PCT filing date) (status-patented, pending, abandoned)

We hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

David Wolf	17,528	Peter C. Lando	34,654	Michael G. Verga	39,410
George L. Greenfield	17,756	Gary S. Engelson	35,128	Robert E. Rigby, Jr.	36,904
Stanley Sacks	19,900	Peter J. Gordon	35,164	Robert A. Skriwanek, Jr.	41,316
Edward F. Perlman	28,105	Randy J. Pritzker	35,986	Robert M. Abrahamsen	40,886
Lawrence M. Green	29,384	Richard F. Giunta	36,149	Lesley A. Hamlin	41,054
Steven J. Henry	27,900	Douglas R. Wolf	36,971	Mike W. Crosby	40,970
Therese A. Hendricks	30,389	Elizabeth R. Plumer	36,637	Ivan D. Zitkovsky	37,482
Edward R. Gates	31,616	Timothy J. Oyer	36,628	Michele J. Young	43,299
William R. McClellan	29,409	John N. Anastasi	37,765	Edward J. Russavage	43,069
Ronald J. Kransdorf	20,004	Helen C. Lockhart	39,248	Alan B. Sherr	42,147
M. Lawrence Oliverio	30,915	James M. Hanifin, Jr.	39,213	John C. Gorecki	38,471
Charles E. Pfund	17,030	Christopher S. Schultz	37,929	William G. Gosz	27,787
Jason M. Honeyman	31,624	Paul D. Sorkin	39,039	Thomas P. Grodt	41,045
James H. Morris	34,681	John R. Van Amsterdam	40,212	Neil P. Ferraro	39,188
		Matthew B. Lowrie	38,228	Julie A. Beberman	40,906
				Alan W. Steele	P-45,120
				Lisa Windsor	44,405

Address all telephone calls to Helen C. Lockhart at telephone no. (617) 720-3500. Address all correspondence to

Helen C. Lockhart  
c/o Wolf, Greenfield & Sacks, P.C.,  
Federal Reserve Plaza  
600 Atlantic Avenue  
Boston, MA 02210-2211

We hereby declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

*Heather L. Davis*

*8/6/99*

Date

Inventor's signature

Full name first inventor

Heather L. Davis

Residence

1053 Carling Ave.

Ottawa, Ontario K1Y 4E9 CANADA

Post Office Address:

Same as above

Citizenship:

CANADA

*8/6/99*

Date

Inventor's signature

Full name second inventor

Joachim Schorr

Rubensweg 15, 40724 Hilden, Germany

Residence:

Same as above

Post Office Address:

GERMANY

*8/6/99*

Date

Inventor's signature

Full name third inventor

Arthur M. Krieg

890 Park Place, Iowa City, IA 52246

Residence:

Same as above

Post Office Address:

USA

*8/6/99*

Date

**ASSIGNMENT**

In consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, I, the undersigned, Heather L. Davis, hereby

Sell, assign and transfer to the Loeb Health Research Institute at the Ottawa Hospital, a corporation of Canada having a place of business at 725 Parkdale Avenue, Ottawa, Ontario, Canada K1Y 4E9, its successors, assigns and legal representatives, all hereinafter referred to as the Assignee, the entire right, title and interest for the United States and all foreign countries, in and to any and all inventions which are disclosed in the application for United States Letters Patent filed on June 3, 1999, assigned serial no. 09/325,193 and entitled **USE OF NUCLEIC ACIDS CONTAINING UNMETHYLATED CPG DINUCLEOTIDE AS AN ADJUVANT**, and in and to said application and all divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said inventions; and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said inventions including the right to apply for patent rights in each foreign country and all rights to priority.

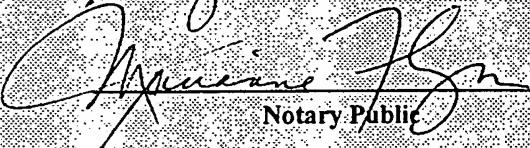
Agree that said Assignee may apply for and receive Letters Patent for said inventions in its own name; and when requested, without charge to but at the expense of said Assignee, agree to carry out in good faith the intent and purpose of this assignment by executing all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said inventions, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to said Assignee all facts known to me relating to said inventions and the history thereof, and generally by doing everything possible which said Assignee shall consider desirable for aiding in securing and maintaining proper patent protection for said inventions and for vesting title to said inventions and all applications for patents and all patents on said inventions, in said Assignee.

Hereby request the Honorable Commissioner of Patents and Trademarks to issue said Letters Patent to said Assignee.

Covenant with said Assignee that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me, and that full right to convey the same as herein expressed is possessed by me.

8/16/1999  
Date

Heather L. Davis  
Heather L. Davis

STATE OF	<u>Massachusetts</u>
COUNTY OF	<u>Suffolk</u>
Subscribed and sworn to before me this <u>6th</u> day of <u>August</u> 1999.	
SEAL	 Marianne Flynn Notary Public
My Commission Expires	

MARIANNE FLYNN  
NOTARY PUBLIC  
My Commission Expires April 16, 2004

## ASSIGNMENT

In consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, I, the undersigned, Joachim Schorr, hereby

Sell, assign and transfer to the CpG ImmunoPharmaceuticals GmbH, a German corporation having a place of business at Max-Volmer-Strasse 4, D-40724 Hilden, Germany, its successors, assigns and legal representatives, all hereinafter referred to as the Assignee, the entire right, title and interest for the United States and all foreign countries, in and to any and all inventions which are disclosed in the application for United States Letters Patent filed on June 3, 1999, assigned serial no. 09/325,193 and entitled **USE OF NUCLEIC ACIDS CONTAINING UNMETHYLATED CPG DINUCLEOTIDE AS AN ADJUVANT**, and in and to said application and all divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said inventions; and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said inventions including the right to apply for patent rights in each foreign country and all rights to priority.

Agree that said Assignee may apply for and receive Letters Patent for said inventions in its own name; and when requested, without charge to but at the expense of said Assignee, agree to carry out in good faith the intent and purpose of this assignment by executing all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said inventions, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to said Assignee all facts known to me relating to said inventions and the history thereof, and generally by doing everything possible which said Assignee shall consider desirable for aiding in securing and maintaining proper patent protection for said inventions and for vesting title to said inventions and all applications for patents and all patents on said inventions, in said Assignee.

Hereby request the Honorable Commissioner of Patents and Trademarks to issue said Letters Patent to said Assignee.

Covenant with said Assignee that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me, and that full right to convey the same as herein expressed is possessed by me.

**Date**

6/2/09

Joachim Schorr

  
**Jim Schorr**

August 6, 1999

Date

## Witness

THE BOSTONIAN.

## ASSIGNMENT

In consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, I, the undersigned, Arthur M. Krieg, hereby

Sell, assign and transfer to the University of Iowa Research Foundation, a corporation of Iowa having a place of business at 214 Technology Innovation Center, Oakdale Research Campus, Iowa City, Iowa, 52242, its successors, assigns and legal representatives, all hereinafter referred to as the Assignee, the entire right, title and interest for the United States and all foreign countries, in and to any and all inventions which are disclosed in the application for United States Letters Patent filed on June 3, 1999, assigned serial no. 09/325,193 and entitled **USE OF NUCLEIC ACIDS CONTAINING UNMETHYLATED CPG DINUCLEOTIDE AS AN ADJUVANT**, and in and to said application and all divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said inventions; and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said inventions including the right to apply for patent rights in each foreign country and all rights to priority.

Agree that said Assignee may apply for and receive Letters Patent for said inventions in its own name; and when requested, without charge to but at the expense of said Assignee, agree to carry out in good faith the intent and purpose of this assignment by executing all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said inventions, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to said Assignee all facts known to me relating to said inventions and the history thereof, and generally by doing everything possible which said Assignee shall consider desirable for aiding in securing and maintaining proper patent protection for said inventions and for vesting title to said inventions and all applications for patents and all patents on said inventions, in said Assignee.

Hereby request the Honorable Commissioner of Patents and Trademarks to issue said Letters Patent to said Assignee.

Covenant with said Assignee that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me, and that full right to convey the same as herein expressed is possessed by me.

---

Date

---

Arthur M. Krieg

STATE OF Massachusetts  
COUNTY OF Suffolk

Subscribed and sworn to before me this 6 day of

**SEAL**

Notary Public

## My Commission Expires

**MARIANNE FLYNN**  
**NOTARY PUBLIC**  
Commission Expires April 16, 2004



UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

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JUNE 16, 2000

WOLF, GREENFIELD & SACKS, P.C.  
HELEN C. LOCKHART  
600 ATLANTIC AVENUE  
BOSTON, MA 02210

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UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 03/20/2000

REEL/FRAME: 010702/0768  
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNEE'S INTEREST (SEE DOCUMENT FOR DETAILS).

PASSIGNOR:

DAVIS, HEATHER L.

DOC DATE: 08/06/1999

ASSIGNEE:

LOEB HEALTH RESEARCH INSTITUTE AT  
THE OTTAWA HOSPITAL  
725 PARKDALE AVENUE  
OTTAWA, ONTARIO, CANADA K1Y 4E9

SERIAL NUMBER: 09325193

FILING DATE: 06/03/1999  
ISSUE DATE:

ANNE HARRELL, PARALEGAL  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

04-20-2000

**OVER SHEET**

Y

**FORM PTO-1595 U.S.**

**FORM 1**  
**(Rev. 6-93)**

OMB No. 0651-0011 (exp. 4/94)



101327628

**DEPARTMENT OF COMMERCE**  
**Patent and Trademark Office**

To the Commissioner of Patents and Trademarks : Please record the attached original documents or copy thereof.

<p>1. Name of conveying party(ies): Heather L. Davis <i>3-20-00</i></p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>3. Nature of conveyance:</p> <p><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger</p> <p><input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name</p> <p><input type="checkbox"/> Other _____</p> <p>Execution Date: August 6, 1999</p>	<p>2. Name and address of receiving party(ies)</p> <p>Name: Loeb Health Research Institute at the Ottawa Hospital</p> <p>Street Address: 725 Parkdale Avenue, Ottawa, Ontario, Canada K1Y 4E9</p> <p style="writing-mode: vertical-rl; transform: rotate(180deg);">RECEIVED U.S. PATENT AND TRADEMARK OFFICE OCT 10 MAR 20 PM 2:51 CPR/FINNCE</p>	
<p>4. Application number(s) or patent number(s):</p>		
<p>If this document is being filed together with a new application, the execution date of the application is</p>		
<p><input type="checkbox"/> A. Patent Application No.(s) 09/325,193</p>	<p><input type="checkbox"/> B. Patent No.(s)</p>	
<p>Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>		
<p>5. Name and address of party to whom correspondence Concerning document should be mailed:</p> <p>Name: Helen C. Lockhart Address: WOLF, GREENFIELD &amp; SACKS, P.C. Federal Reserve Plaza 600 Atlantic Avenue Boston, MA 02210</p>	<p>6. Total number of applications and patents involved: 1</p> <p>7. Total fee (37 CFR 3.41) \$ 40.00</p> <p><input checked="" type="checkbox"/> Enclosed</p> <p><input type="checkbox"/> Authorized to be charged to deposit account</p>	
<p>The Commissioner is authorized to charge:</p> <p>8. Deposit Account No: 23/2825</p>		
<p>DO NOT USE THIS SPACE</p>		
<p>9. Statement and signature <i>To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.</i></p>		
<p>Helen C. Lockhart</p>	<p><i>Helen C. Lockhart</i></p>	<p>March 15, 2000</p>
<p>Name of Person Signing</p>	<p>Signature</p>	<p>Date</p>
<p>Total number of pages including cover sheet, attachments, and document: 3</p>		

Total number of pages including cover sheet, attachments, and document: 3

Mail documents to be recorded with required cover sheet information to:  
Box Assignment, Commissioner of Patents and Trademarks, Washington, D.C. 20231

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## District Court Office of Lagenfeld/Rhld

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## Commercial Register B309

						a) Date of registration and signing b) Notes	
No of the Registration	a) Company b) Registered Office c) Company Objective	Authorized Capital or Capital Stock DM	Board of Directors General Partner Business Manager Liquidator	Authorized signature	Legal Relationship		
1	a) CpgG ImmunoPharmaceuticals GmbH b) Hilden c) The research and development, the production and sales of immuno-stimulating substances, which will be used individually or in combination for prophylaxis or therapy of diseases.	3 50,000.00	4 Dr. Joachim Schorr, Dipl.-Biologist in Hilden	5	Company with limited liability. Articles of Association of August 7, 1997. The company has one or more business managers (authorized representatives). If only one business manager is appointed, then he represents the company alone. If several business managers are appointed, then the company will be represented by two business managers or one business manager jointly with an authorized signatory. The meeting of the stockholders can empower either all the business managers or individual ones for sole representation and grant to them the authority to represent the company also in legal matters, which they may conclude themselves or as representatives of third parties (exempted from the limitations of Sections 181 of the BGB).	6 a) September 5, 1995 [signature] b) Articles of Association of August 7, 1997, sheet 6 ff. SB	7
1					The business manager, Dr. Joachim Schorr is always authorized for sole representation.		
2	a) Coley Pharmaceutical GmbH				By resolution of the Stockholders' meeting of March 23, 2000, the company is now modified and the Articles of Association have been changed accordingly in Section 1 (company and headquarters).	a) May 2, 2000 [signature] b) Articles of Association in the version of March 23, 2000, sheet 51 ff. SB Resolution of the Stockholders' meeting of March 23, 2000, sheet 36 ff. SB July 13, 00 /s/	
							[Stamp: July 13, '00]

HRB 7095

Amtsgericht Tübingen

Nr. 1. Name der Firma b) Sitz, Ort und Name des Unternehmens

2. Gründungsdatum 3. Kapital 4. Geschäftsführer

5. Vorsitzender Personlich haftende Gesellschafter Geschäftsführer

6. Rechtsverhältnisse

7. Tag der Eintragung und Unterschrift

b) Bemerkungen

a) 5. September 1997

b) Geschäftsführer

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APRIL 10, 2001

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BOSTON, MA 02210

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RECORDATION DATE: 10/27/2000

REEL/FRAME: 011466/0422  
NUMBER OF PAGES: 5

BRIEF: CHANGE OF NAME (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:  
CPG IMMUNOPHARMACEUTICALS GMBH

DOC DATE: 05/02/2000

ASSIGNEE:  
COLEY PHARMACEUTICAL GMBH  
ELISABETH-SELBERT-STRASSE 9  
D-40764 LANGENFELD, FED REP GERMANY

SERIAL NUMBER: 09082649  
PATENT NUMBER:

FILING DATE: 05/20/1998  
ISSUE DATE:

SERIAL NUMBER: 09154614  
PATENT NUMBER:

FILING DATE: 09/16/1998  
ISSUE DATE:

SERIAL NUMBER: 09325193  
PATENT NUMBER:

FILING DATE: 06/03/1999  
ISSUE DATE:

011466/0422 PAGE 2

MARCUS KIRK, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

01-31-2001

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(Rev. 6-93)  
OMB No. 0651-0011 (exp. 4/94)

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Patent and Trademark Office

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To the Commissioner for Patents : Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):  
**CpG ImmunoPharmaceuticals GmbH**

Additional name(s) of conveying party(ies) attached?  Yes  No

3. Nature of conveyance:

Assignment  Merger  
 Security Agreement  Change of Name  
 Other \_\_\_\_\_

Execution Date: **May 2, 2000**

2. Name and address of receiving party(ies)

Name: **Coley Pharmaceutical GmbH**

Internal Address:

Street Address: **Elisabeth-Selbert-Strasse 9  
D-40764 Langenfeld  
Germany**Additional name(s) & addresses(es) attached?  Yes  No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is

A. Patent Application No.(s)

**09/082,649**  
**09/154,614**  
**09/325,193**

B. Patent No.(s)

Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence  
Concerning document should be mailed:

Name: **Alan W. Steele**  
 Address: **WOLF, GREENFIELD & SACKS, P.C.**  
**Federal Reserve Plaza**  
**600 Atlantic Avenue**  
**Boston, MA 02210**

6. Total number of applications and patents involved: **[3]**7. Total fee (37 CFR 3.41) **\$ 0.00** Enclosed Authorized to be charged to deposit account

The Commissioner is authorized to charge:

8. Deposit Account No: **23/2825**

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*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*

Alan W. Steele

January 17, 2001

Name of Person Signing

Signature

Date

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 Washington, D.C. 20231



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HELEN C. LOCKHART  
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RECORDATION DATE: 03/20/2000

REEL/FRAME: 010702/0757

NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

KRIEG, ARTHUR M.

DOC DATE: 08/06/1999

ASSIGNEE:

UNIVERSITY OF IOWA RESEARCH  
FOUNDATION  
OAKDALE RESEARCH CAMPUS  
214 TECHNOLOGY INNOATION CENTER  
IOWA CITY, IOWA 52242

SERIAL NUMBER: 09325193

FILING DATE: 06/03/1999

PATENT NUMBER:

ISSUE DATE:

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(Rev. 6-93)

OMB No. 0651-0011 (exp. 4/94)

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To the Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): Arthur M. Krieg	2. Name and address of receiving party(ies) Name: University of Iowa Research Foundation Internal Address: 214 Technology Innovation Center Street Address: Oakdale Research Campus Iowa City, Iowa 52242 3-20-00
Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
3. Nature of conveyance:  [x] Assignment <input type="checkbox"/> Merger [ ] Security Agreement <input type="checkbox"/> Change of Name [ ] Other _____	
Execution Date: August 6, 1999	

4. Application number(s) or patent number(s):  If this document is being filed together with a new application, the execution date of the application is	
A. Patent Application No.(s) 09/325,193	B. Patent No.(s)
Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
5. Name and address of party to whom correspondence Concerning document should be mailed:  Name: Helen C. Lockhart Address: WOLF, GREENFIELD & SACKS, P.C. Federal Reserve Plaza 600 Atlantic Avenue Boston, MA 02210	6. Total number of applications and patents involved: 1  7. Total fee (37 CFR 3.41) \$ 40.00  [x] Enclosed  [ ] Authorized to be charged to deposit account  The Commissioner is authorized to charge: 8. Deposit Account No: 23/2825

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Helen C. Lockhart		March 15, 2000	
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(Rev. 6-93) 7/10/98 OMB N. 0651-0011 (Exp. 4-04) MR 20 PM 2:50

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TO THE COMMISSIONER OF PATENTS AND TRADEMARKS: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): Joachim Schorr	2. Name and address of receiving party(ies) Name: CpG ImmunoPharmaceuticals GmbH Street Address: Max-Volmer-Strasse 4, D-40724 Hilden, Germany 3 - 20 - 09
Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
3. Nature of conveyance:  [x] Assignment <input type="checkbox"/> Merger [ ] Security Agreement <input type="checkbox"/> Change of Name [ ] Other _____	
Execution Date: August 6, 1999	

4. Application number(s) or patent number(s):  <input type="checkbox"/> If this document is being filed together with a new application, the execution date of the application is	
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Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
5. Name and address of party to whom correspondence Concerning document should be mailed:  Name: Helen C. Lockhart Address: WOLF, GREENFIELD & SACKS, P.C. Federal Reserve Plaza 600 Atlantic Avenue Boston, MA 02210	6. Total number of applications and patents involved: 1  7. Total fee (37 CFR 3.41) \$ 40.00  [x] Enclosed [ ] Authorized to be charged to deposit account  The Commissioner is authorized to charge:  8. Deposit Account No: 23/2825

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CpG ImmunoPharmaceuticals GmbHAdditional name(s) of conveying party(ies) attached?  Yes  No

3. Nature of conveyance:

 Assignment  Merger Security Agreement  Change of Name Other \_\_\_\_\_

Execution Date: May 2, 2000

2. Name and address of receiving party(ies)

Name: Coley Pharmaceutical GmbH

Internal Address:

Street Address:

Max-Volmer-Strasse 4  
D-40724 Hilden  
GermanyAdditional name(s) & address(es) attached?  Yes  No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is

A. Patent Application No.(s)

09/082,649  
09/154,614  
09/325,193

B. Patent No.(s)

Additional numbers attached?  Yes  No5. Name and address of party to whom correspondence  
Concerning document should be mailed:Name: Alan W. Steele  
Address: WOLF, GREENFIELD & SACKS, P.C.  
Federal Reserve Plaza  
600 Atlantic Avenue  
Boston, MA 02210

6. Total number of applications and patents involved: [3]

\$ 120.00

7. Total fee (37 CFR 3.41)

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Alan W. Steele

27 October 2000

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RECORDATION DATE: 03/15/2000

REEL/FRAME: 010702/0774  
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

SCHORR, JOACHIM

DOC DATE: 08/06/1999

ASSIGNEE:

CPG IMMUNOPHARMACEUTICALS GMBH  
MAX-VOLMER-STRASSE 4  
D-40724 HILDEN, FED REP GERMANY

SERIAL NUMBER: 09325193

FILING DATE: 06/03/1999  
ISSUE DATE:

PATENT NUMBER:

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